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TITLE : PRODUCTION OF METHYLNORBORNENEDICARBOXYLIC ACID ANHYDRIDE

ABSTRACT : PURPOSE: To provide a process for producing methylnorbornenedicarboxylic acid anhydride in high purity and yield at a low cost.

CONSTITUTION: Methylnorbornenedicarboxylic acid anhydride is produced by reacting maleic anhydride with a mixture containing a diolefin component such as methylcyclopentadiene in the presence of a solid acid catalyst at 0-50°C. The solid acid catalyst is e.g. silica-alumina, activated clay, solid phosphoric acid, cation-exchange resin and zeolite.

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